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CHC-0713

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15 July 1960

MEMORANDUM FOR : Deputy Director (Plans) 25X1
THROUGH : Acting Chief, DPD-ID/P []
SUBJECT : Eastman-Kodak and Perkin-Elmer Assessments
REFERENCE : CHC-0590, dated 24 May 1960

25X1 1. [] in late May, discussed the attached memorandum on factors relating to ground resolution with Ned Scott. Mr. Scott's comments are attached under attachment of 26 May.

2. I have delayed returning these papers since I had not, until 7 July, had an opportunity to discuss their contents personally with Ned Scott. In summary, there is no discrepancy whatsoever between the Eastman-Kodak and Perkin-Elmer assessments of the important parameters which effect ground resolution under the appropriate environmental conditions. Although there are quantitative differences, these are explained by variation in the assumptions made by the two companies as to performance of components of the optical system, and not on any serious differences of opinion as to the degradation associated with atmospheric turbulence, boundary layer effects, etc. In general, Eastman-Kodak have been a bit more conservative in their design assumptions, although Perkin-Elmer, while somewhat more optimistic, had nowhere assumed an impossible level of performance for any of their components.

EDWARD P. KIMMER
Chief, Technical Analysis Staff
DPD-ID/P

Attachments:

1. CHC-0590
2. CHC-0592
3. CHC-0591
4. Ltr of 26 May from R. M. Scott

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ORIGINAL DOCUMENT MISSING PAGE(S):

Attachment